

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 45 (11/01/2020- 11/07/2020)

COCONINO COUNTY
November 13, 2020



Situation Summary

MMWR Week 45 (11/01/2020-11/07/2020)

A total of 5,927 confirmed COVID-19 cases have been reported among Coconino County residents through week 45.

Deaths: 145 (2% of cases)

Probable Deaths: 5

Recovered Cases: 4,337

(73% of cases)

Hospitalizations: 706

(12% of cases)

Cases Reported Week 45 (November 1 - November 7, 2020):

**519
Confirmed
Cases**

**3,257
Negative
Cases**

**361.7
Rate per
100,000**

**11.2%*
Positivity
Yield**

Community Transmission

- Coconino County has a current **incidence rate** of **361.7 per 100,000**, **percent positivity** of **11.2%***, and **COVID-19-Like-Illness incidence (CLI)** of **3.8%****.
- Coconino County is currently at a **moderate** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

***Percent positivity was calculated using only ELR data due to insufficient reporting.**

****Incidence rate and percent positivity data are from week 45 (CLI data from week 44 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations**

COVID-19 Situation Summary*

Cumulative Counts (March 15, 2020- November 7, 2020):

5,927
Confirmed
Cases

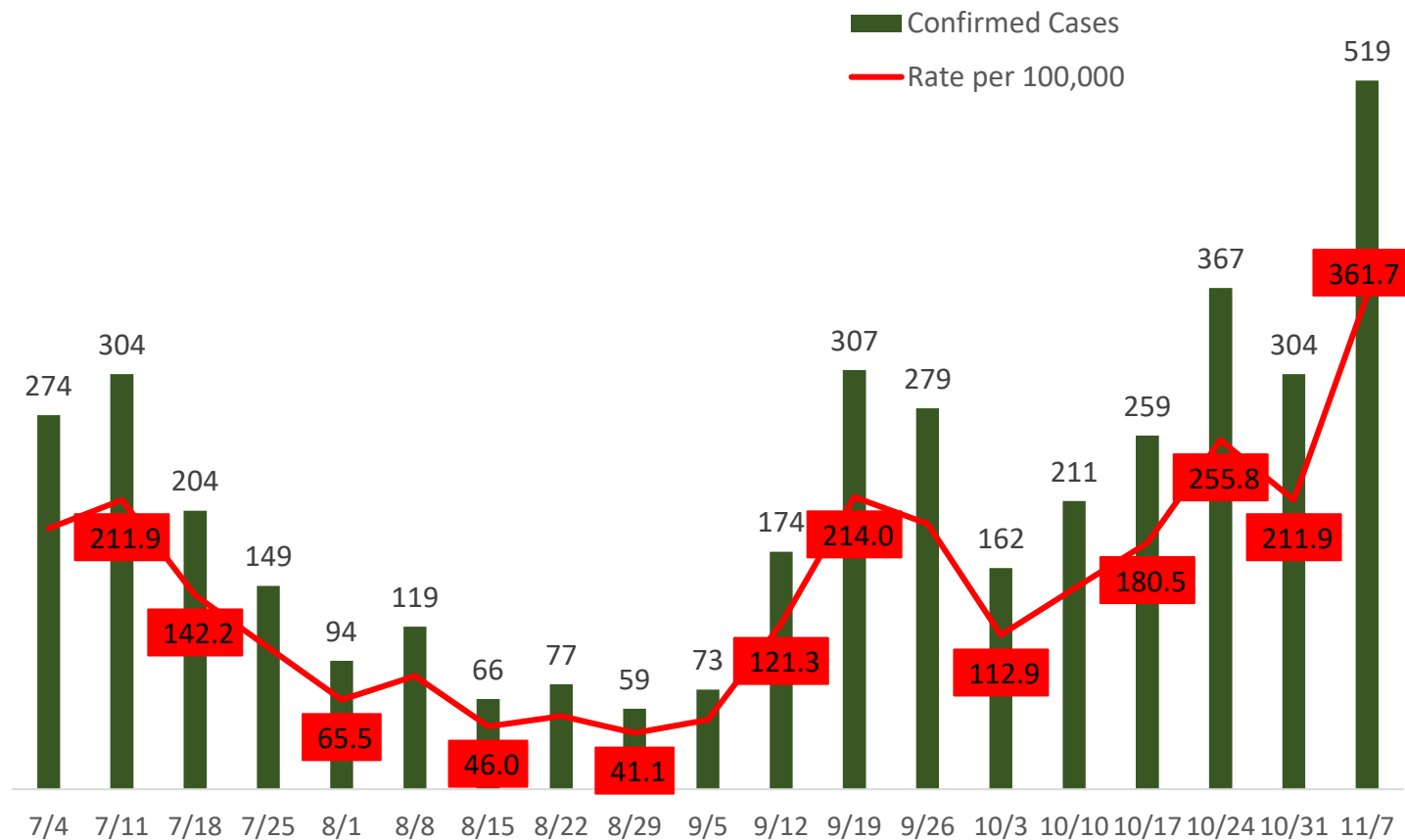
54,144
Negative
Tests

60,071
Total Tests
Resulted

9.9%
Positivity
Yield

4,131.0 cases per 100,000 Coconino County Residents
vs.
3,688.4 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



Age:

Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	1,167	9,327	8.4%	23,067.2	2,886.2
20-44 years	3,000	28,962	7.8%	53,993.3	5,592.8
45-54 years	687	7,335	8.0%	51,491.8	4,822.7
55-64 years	571	7,218	6.7%	43,558.0	3,445.8
65+ years	502	7,228	5.5%	38,889.5	2,701.0

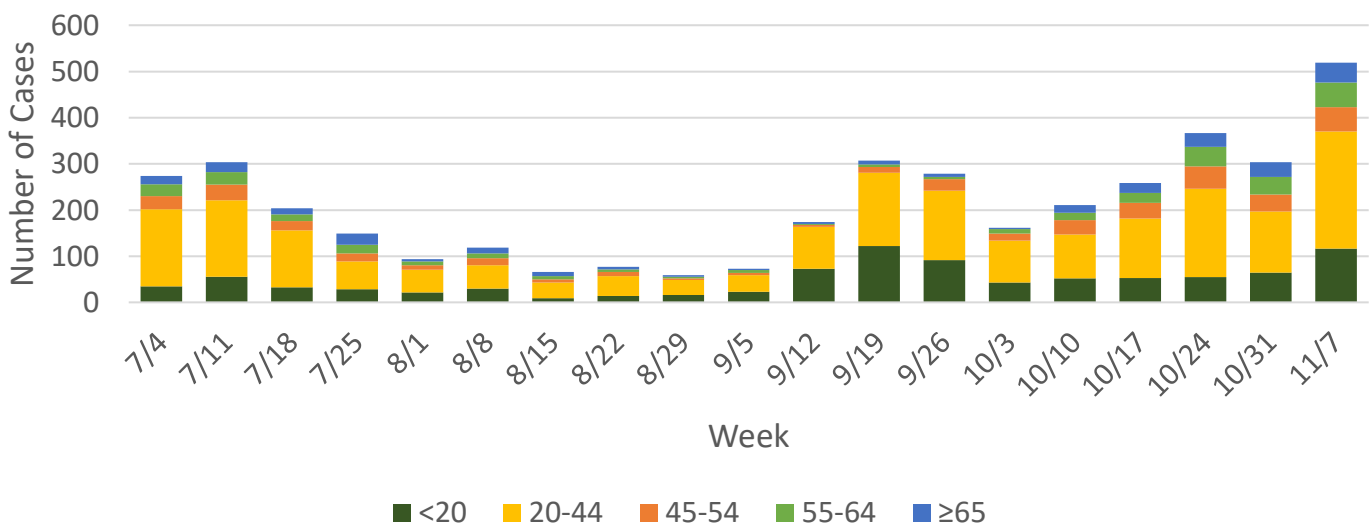
The median age of Coconino County COVID-19 cases is 29 years old



Key Take Away

- The highest **case incidence** for week 45 was observed among residents aged 20-44 and 45-54 with an incidence of 471.7 and 372.1 per 100,000, respectively.
- The highest **positivity yield** for week 45 was observed among residents aged <20 and 45-54, with a positivity yield of 13%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 39% higher than that of 65+ years).

Age of Confirmed Cases by Week



COVID-19 Situation Summary*

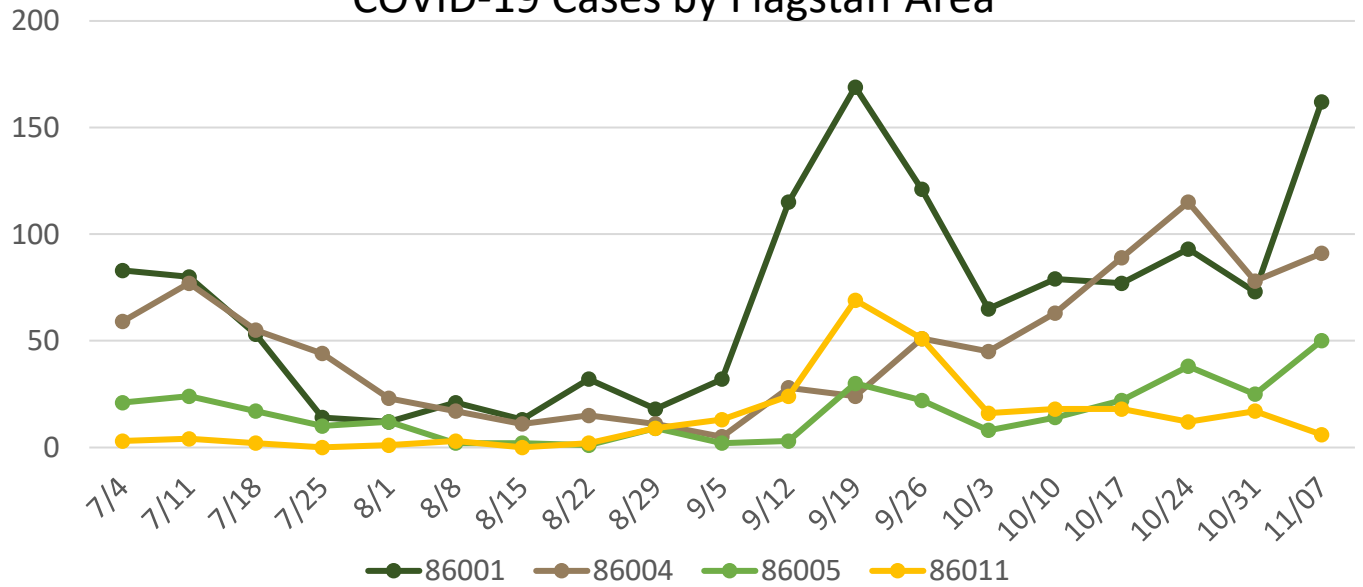
Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	3,548	43,767	5.9%	47,034.5	3,812.9
Page	365	3,252	12.8%	43,090.0	4,836.4
Tribal Communities	1,703	9,162	12.3%	35,936.5	6,679.7
Williams	115	1,547	5.5%	29,377.1	2,183.8
Grand Canyon	67	721	8.5%	29,014.1	2,696.2
Other Areas	129	1,583	4.5%	16,438.2	1,339.6

Key Take Away

- The highest **increase of cases** in the Flagstaff area from the previous week was observed in 86001 with a 55% increase.
- The highest **increase of cases** in Other Areas from the previous week was observed in Williams with a 300% increase and Page and Tribal areas with a 90% increase.
- The highest overall **testing incidence** rate was observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

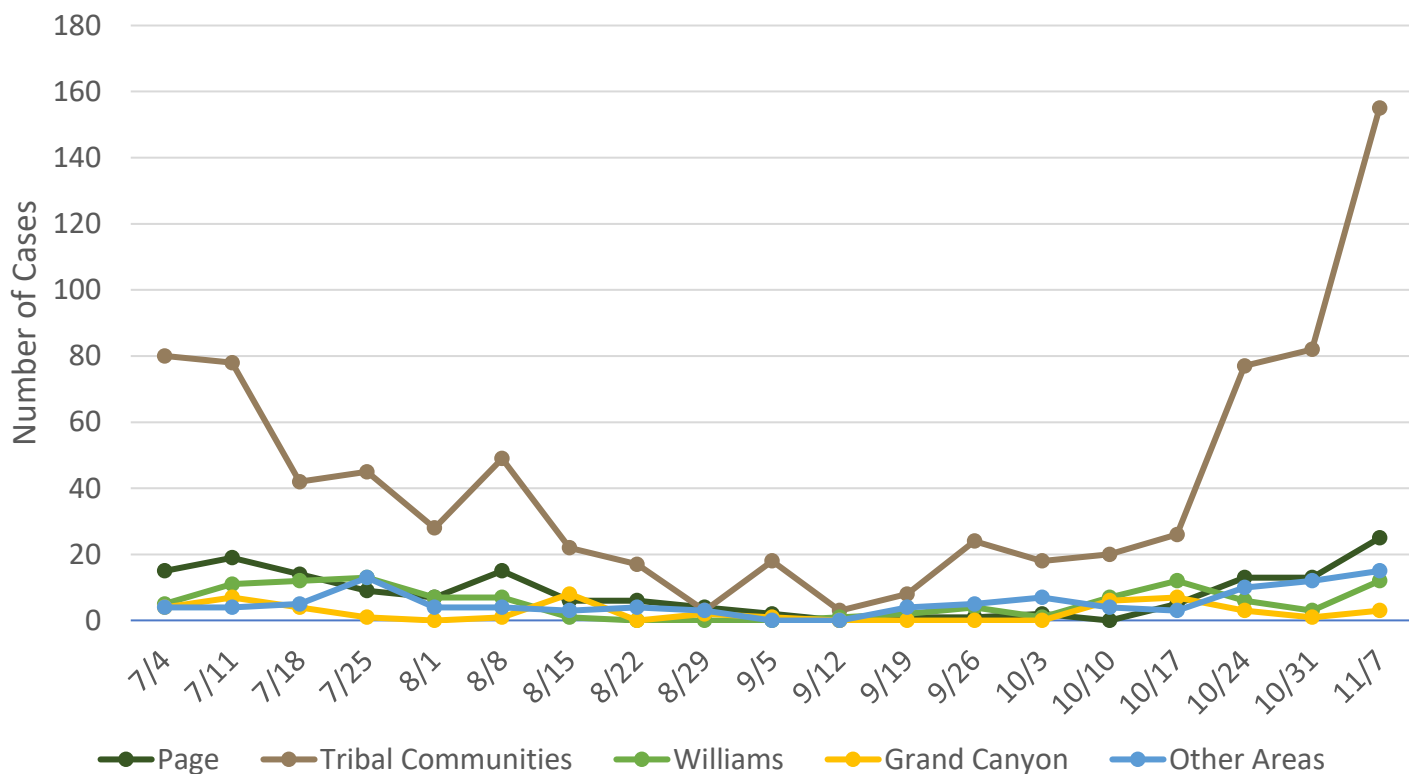


*Cases reported from 3/15/20-11/07/20

COVID-19 Situation Summary*

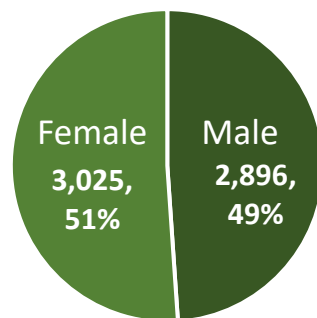
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	3,025	32,585	6.9%	4,175.9
Male	2,896	27,252	7.5%	4,076.8

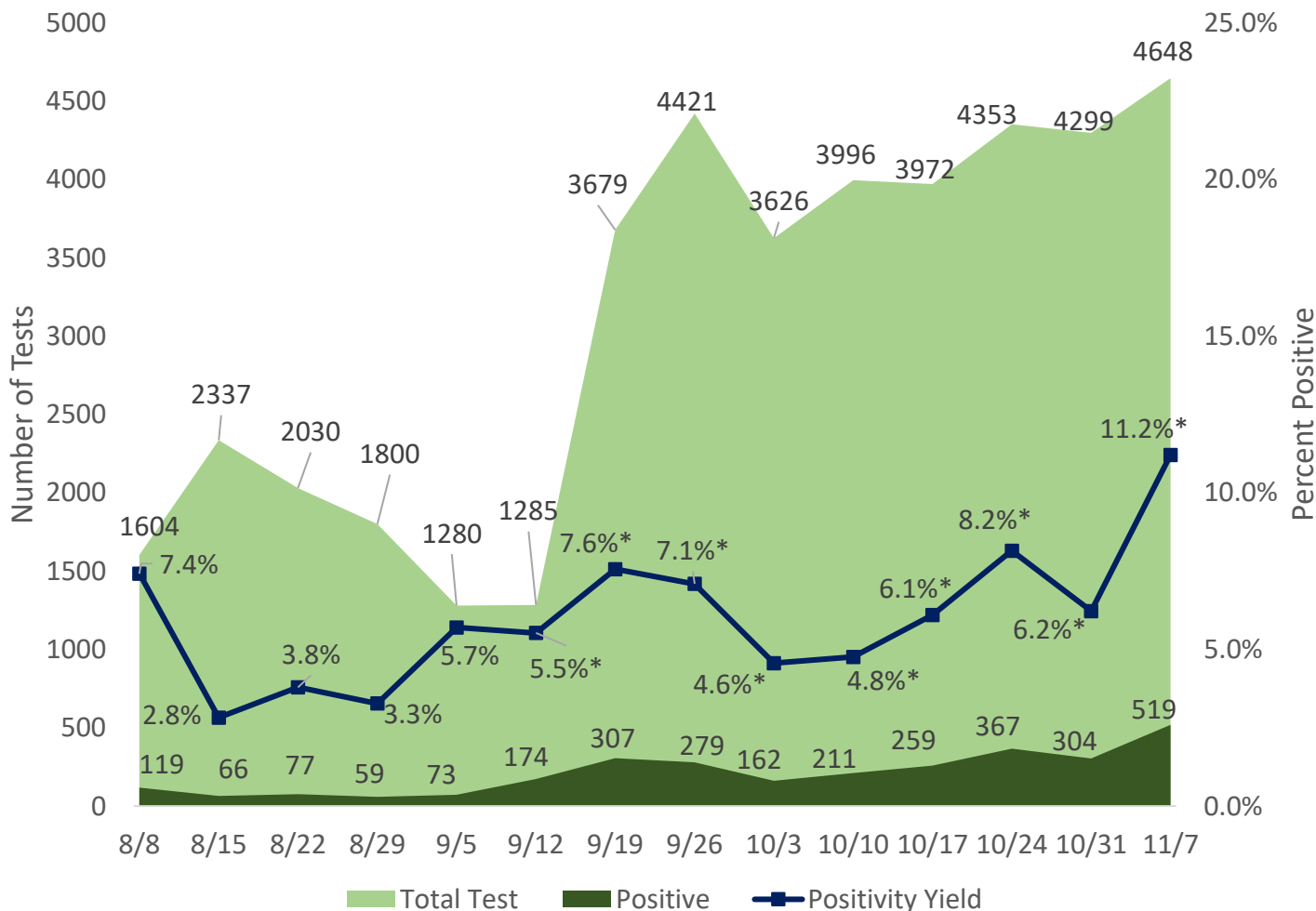


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 20% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

COVID-19 Situation Summary*

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

Specimen Collection: Coconino County response team sites have collected a total of **56,345** specimens.

Fort Tuthill: 26,666 CCHHS: 1,308 CCC: 212 NAU: 26,490

Fredonia: 41 Grand Canyon: 209 Williams: 547 Other: 872

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 3,136**

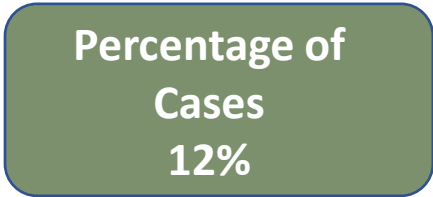
Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 111 (As of 11/07/2020)**
- **Total individuals monitored to date: 3,141**

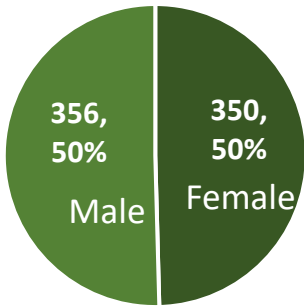
*Cases reported from 3/15/20-11/07/20

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

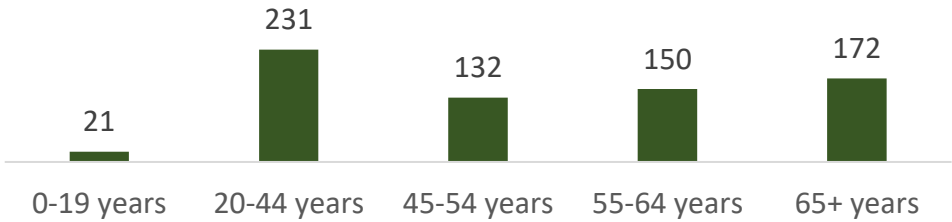


Sex

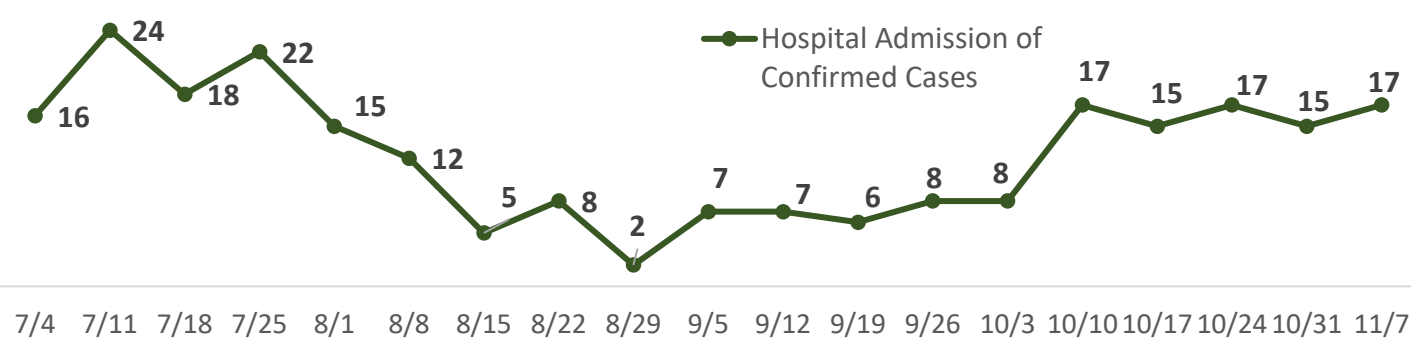


21% of hospitalized residents were in the ICU and 10% were intubated.

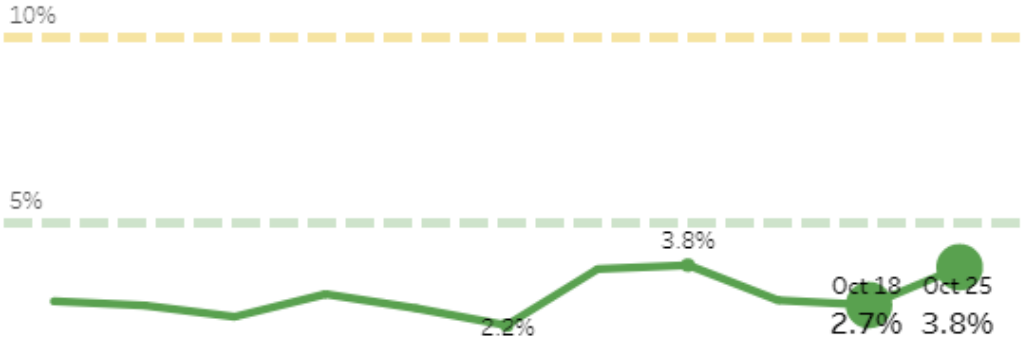
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



COVID-19 Situation Summary*

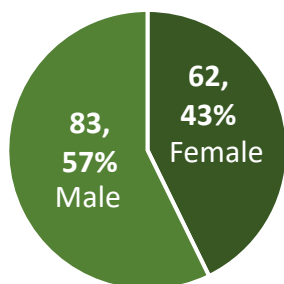
COVID-19 Related Deaths:

Percentage of
Cases
2%

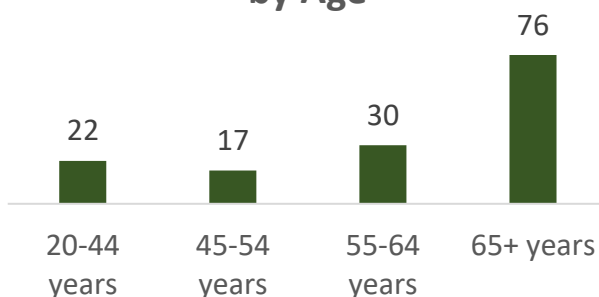
Deaths
145

Fatalities
Per 100,000
101.1

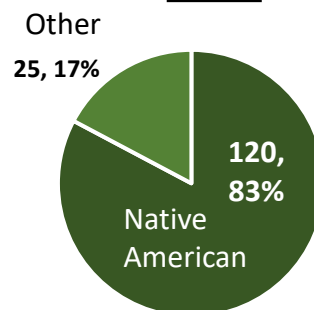
Sex



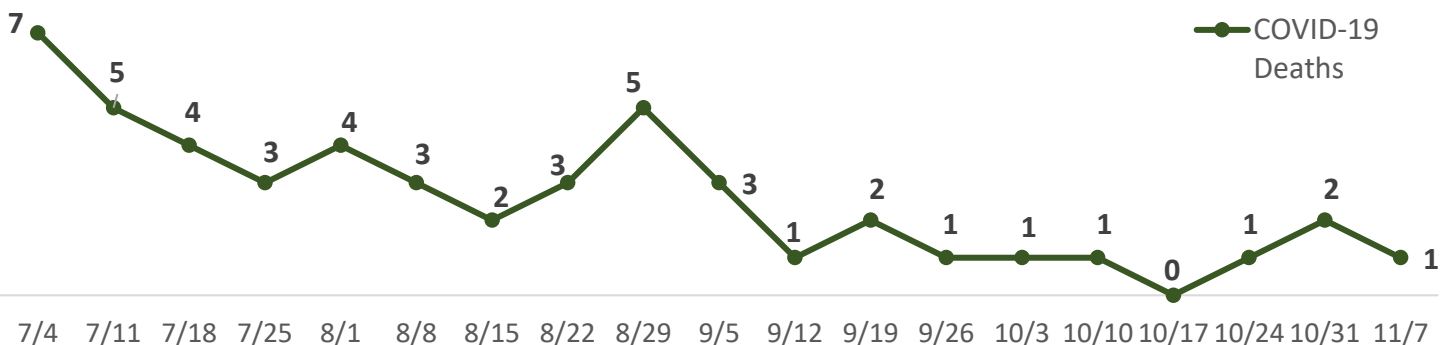
Coconino COVID-19 Deaths by Age



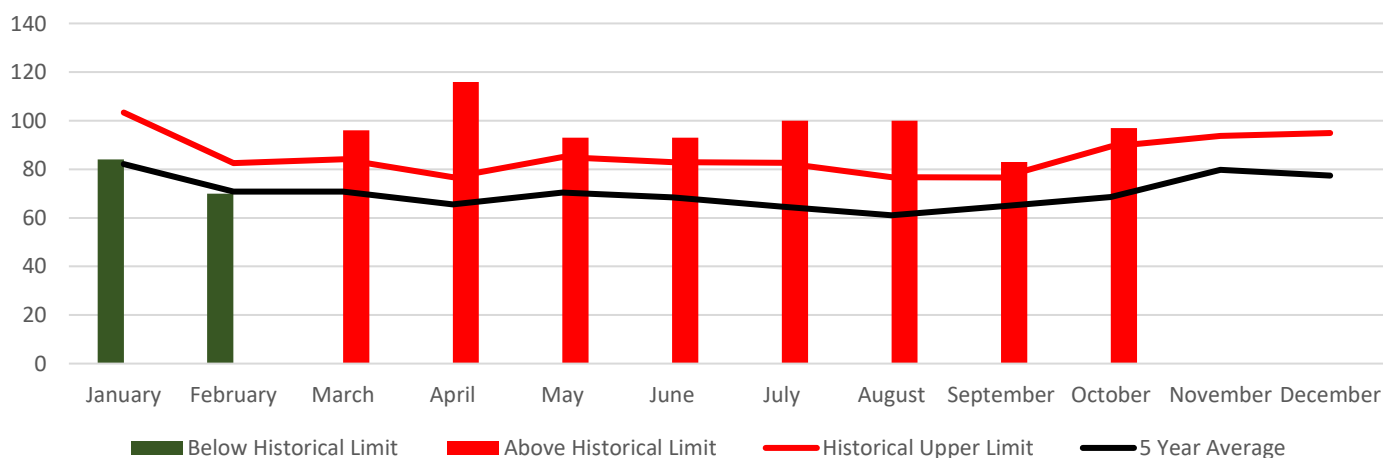
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-11/07/20